

**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, AIP JNL = AIP JNL, AVS JNL = AVS JNL, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Drift compensation for reduced spatial resolution transcoding**  
Peng Yin; Vetro, A.; Bede Liu; Huifang Sun;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 12, Issue 11, Nov. 2002 Page(s):1009 - 1020  
IEEE JNL
2. **New Coding Tools for Illumination and Focus Mismatch Compensation in Multiview Video Coding**  
Jae Hoon Kim; PoLin Lai; Lopez, J.; Ortega, A.; Yeping Su; Peng Yin; Gomila, C.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 17, Issue 11, Nov. 2007 Page(s):1519 - 1535  
IEEE JNL
3. **Data pruning-based compression using high order edge-directed interpolation**  
Dung Trung Vo; Sole, J.; Peng Yin; Gomila, C.; Truong Nguyen;  
Acoustics, Speech and Signal Processing, 2009. ICASSP 2009. IEEE International Conference on  
19-24 April 2009 Page(s):997 - 1000  
IEEE CNF
4. **A direction-adaptive in-loop deartifacting filter for video coding**  
Dorea, C.C.; Escoda, O.D.; Peng Yin; Gomila, C.;  
Image Processing, 2008. ICIP 2008. 15th IEEE International Conference on  
12-15 Oct. 2008 Page(s):1624 - 1627  
IEEE CNF
5. **Intra prediction using template matching with adaptive illumination compensation**  
Yunfei Zheng; Peng Yin; Escoda, O.D.; Xin Li; Gomila, C.;  
Image Processing, 2008. ICIP 2008. 15th IEEE International Conference on  
12-15 Oct. 2008 Page(s):125 - 128  
IEEE CNF
6. **Adaptive reference filtering for bidirectional disparity compensation with focus mismatches**  
PoLin Lai; Ortega, A.; Pandit, P.; Peng Yin; Gomila, C.;  
Image Processing, 2008. ICIP 2008. 15th IEEE International Conference on  
12-15 Oct. 2008 Page(s):2456 - 2459  
IEEE CNF
7. **Motion compensation based on implicit block segmentation**  
Jae Hoon Kim; Ortega, A.; Peng Yin; Pandit, P.; Gomila, C.;  
Image Processing, 2008. ICIP 2008. 15th IEEE International Conference on  
12-15 Oct. 2008 Page(s):2452 - 2455  
IEEE CNF
8. **Autofocusing region selection for computer vision**  
Peng Yin; Wei Jiang;  
Signal Processing, 2008. ICSP 2008. 9th International Conference on  
26-29 Oct. 2008 Page(s):1364 - 1367  
IEEE CNF
9. **Cascaded coupled large optical cavity semiconductor lasers**  
Cui Bifeng; Lian Peng; Yin Tao; Chen Changhua; Li Jianjun; Gao Guo; Zhou Deshu; Shen Guangdi; Ma Xiaoyu; Chen  
Lianghui;  
Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th International Conference on

Volume 2, 22-25 Oct. 2001 Page(s):1255 - 1258 vol.2

IEEE CNF

**10. A Flexible Trust Model for Distributed Service Infrastructures**

Zhaoyu Liu; Yau, S.S.; Dichao Peng; Yin Yin;  
Object Oriented Real-Time Distributed Computing (ISORC), 2008 11th IEEE International Symposium on  
5-7 May 2008 Page(s):108 - 115

IEEE CNF

**11. Geometry-Adaptive Block Partitioning for Intra Prediction in Image & Video Coding**

Congxia Dai; Escoda, O.D.; Peng Yin; Xin Li; Gomila, C.;  
Image Processing, 2007. ICIP 2007. IEEE International Conference on  
Volume 6, Sept. 16 2007-Oct. 19 2007 Page(s):VI - 85 - VI - 88

IEEE CNF

**12. Adaptive In-Loop Prediction Refinement for Video Coding**

Shay Har-Noy; Escoda, O.D.; Peng Yin; Gomila, C.; Nguyen, T.Q.;  
Multimedia Signal Processing, 2007. MMSP 2007. IEEE 9th Workshop on  
1-3 Oct. 2007 Page(s):171 - 174

IEEE CNF

**13. Adaptive Filtering for Video Coding with Focus Change**

Polin Lai; Yeping Su; Peng Yin; Gomila, C.; Ortega, A.;  
Acoustics, Speech and Signal Processing, 2007. ICASSP 2007. IEEE International Conference on  
Volume 1, 15-20 April 2007 Page(s):I-661 - I-664

IEEE CNF

**14. Geometry-Adaptive Block Partitioning for Video Coding**

Divorra Escoda, O.; Peng Yin; Congxia Dai; Xin Li;  
Acoustics, Speech and Signal Processing, 2007. ICASSP 2007. IEEE International Conference on  
Volume 1, 15-20 April 2007 Page(s):I-657 - I-660

IEEE CNF

**15. A Two Pass H.264-Based Matching Pursuit Video Coder**

Beibei Wang; Yao Wang; Peng Yin;  
Image Processing, 2006 IEEE International Conference on  
8-11 Oct. 2006 Page(s):3149 - 3152

IEEE CNF

**16. S7 - technical session VIII: emerging multimedia technologies**

Peng Yin;  
Wireless and Optical Communications, 2005. 14th Annual WOC 2005. International Conference on  
22-23 April 2005 Page(s):79 - 79

IEEE CNF

**17. Fast mode decision and motion estimation for H.264 with a focus on MPEG-2/H.264 transcoding**

Xiaoan Lu; Tourapis, A.M.; Peng Yin; Boyce, J.;  
Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on  
23-26 May 2005 Page(s):1246 - 1249 Vol. 2

IEEE CNF

**18. Localized weighted prediction for video coding**

Peng Yin; Tourapis, A.M.; Boyce, J.;  
Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on  
23-26 May 2005 Page(s):4365 - 4368 Vol. 5

IEEE CNF

**19. A new rate control scheme for H.264 video coding**

Peng Yin; Boyce, J.;  
Image Processing, 2004. ICIP '04. 2004 International Conference on  
Volume 1, 24-27 Oct. 2004 Page(s):449 - 452 Vol. 1

IEEE CNF

**20. Joint content authentication and error control for wireless multimedia communications**

Hong Heather Yu; Peng Yin; Xiaolong Yu;  
Consumer Communications and Networking Conference, 2004. CCNC 2004. First IEEE  
5-8 Jan. 2004 Page(s):412 - 417

IEEE CNF

**21. Fast mode decision and motion estimation for JVT/H.264**

Peng Yin; Tourapis, H.-Y.C.; Tourapis, A.M.; Boyce, J.;  
Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on  
Volume 3, 14-17 Sept. 2003 Page(s):III - 853-6 vol.2

IEEE CNF

**22. Reduced spatio-temporal transcoding using an intra refresh technique**

Vetro, A.; Peng Yin; Bede Liu; Huifang Sun;  
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on  
Volume 4, 26-29 May 2002 Page(s):IV-723 - IV-726 vol.4

IEEE CNF

**23. Semi-fragile watermarking system for MPEG video authentication**

Peng Yin; Yu, H.H.;  
Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on  
Volume 4, 13-17 May 2002 Page(s):IV-3461 - IV-3464 vol.4

IEEE CNF

**24. Error concealment using data hiding**

Peng Yin; Bede Liu; Yu, H.H.;  
Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on  
Volume 3, 7-11 May 2001 Page(s):1453 - 1456 vol.3

IEEE CNF

**25. Multimedia data recovery using information hiding**

Yu, H.H.; Peng Yin;  
Global Telecommunications Conference, 2000. GLOBECOM '00. IEEE  
Volume 3, 27 Nov.-1 Dec. 2000 Page(s):1344 - 1348 vol.3

IEEE CNF